

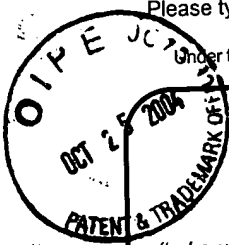
DPW

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

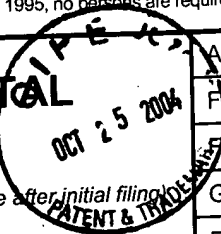
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Please type a plus sign (+) inside this box → ☐



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)



| | |
|--|-----------------|
| Application Number | 10/681,597 |
| Filing Date | October 8, 2003 |
| First Named Inventor | Levy, E. |
| Group Art Unit | 1742 |
| Examiner Name | |
| Attorney Docket Number | 40654/293175 |
| Total Number of Pages in This Submission | 5 |

ENCLOSURES (check all that apply)

| | | |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): - PTO SB/08 prior art reference list - 2 publications - Return Postcard |
|---|---|---|

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

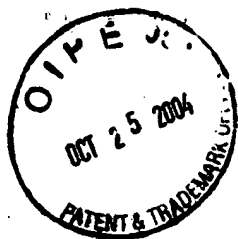
| | |
|-------------------------|--------------------------------|
| Firm or Individual name | BRUCE D. GRAY, Reg. No. 35,799 |
| Signature | |
| Date | OCT 21, 2004 |

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents P. O. Box 1421, Alexandria, VA 22313-1450 on this date: October 21, 2004

| | |
|-----------------------|------------------|
| Typed or printed name | KATHLEEN BENNETT |
| Signature | |
| Date | October 21, 2004 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be send to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Alexandria, VA 22313-1450



Attorney Docket No. 40654/293175

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

| | | |
|------------------------------|---|-------------------|
| Levy, Ehud | } | |
| | } | |
| Serial No.: 10/681,579 | } | Art Unit: 1742 |
| | } | |
| Filed: October 8, 2003 | } | Examiner: Unknown |
| | } | |
| For: | } | |
| TRANSITION METAL OXIDE - | } | |
| ALUMINOSILICATE PURIFICATION | } | |
| MEDIA | } | |

I hereby certify that this correspondence is being deposited with the United States Postal Service on Oct 21, 2004 with sufficient postage as first-class mail in an envelope addressed to: Assistant Commissioner for Patents, P. O. Box 1450, Mail Stop AF, Alexandria, VA 22313-1450.
Kathleen Bennett
Kathleen Bennett

Assistant Commissioner for Patents
Mail Stop Amendments
P. O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with Rules 56, 97 and 98 of the Rules of Practice in Patent Cases (37 C.F.R. §§ 1.56, 1.97, and 1.98), the patent publications listed on the attached PTO/SB/08A are submitted for consideration by the Examiner.

In accordance with 37 C.F.R. §1.98(d), copies of the cited references are not enclosed as they were previously cited in prior Application No. 09/854,010, now U.S. Patent No.

6,662,956, upon which this application relies under 35 U.S.C. 120. The foreign publications listed on the attached PTO SB/08 that are underscored and italicized were not previously cited and are enclosed with this submission for consideration by the Examiner.

Submission of the references provided in this Information Disclosure is not intended to constitute an admission that any reference referred to herein is prior art for this invention unless specially designated as such. Also, in accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made, or that no other material information as defined in 37 C.F.R. § 1.56(a) exists.

This Information Disclosure Statement is being filed before the issuance of a first office action on the merits of the application (37 C.F.R. 1.97(b)(3)); therefore, no fee is believed to be due. If a fee is due, the Commissioner is authorized to charge such fee and any additional fees that may be due or credit any overpayment to Deposit Account No. 11-0855.

Respectfully submitted,



Bruce D. Gray
Reg. No. 35,799

Date: October 21, 2004

KILPATRICK STOCKTON LLP
Suite 2800, 1100 Peachtree Street
Atlanta, Georgia 30309-4530
(404) 815-6494

Attorney Docket No.: 40654/293175



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **2**of **2**

Complete if Known

| | |
|------------------------|-----------------|
| Application Number | 10/681,597 |
| Filing Date | October 8, 2003 |
| First Named Inventor | Levy, E. |
| Art Unit | 1724 |
| Examiner Name | |
| Attorney Docket Number | 40654/293175 |

U.S. PATENT DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Document Number | Publication Date MM-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|------------------------|--------------------------|--|-----------------------------|--|---|
| | | Number - Kind Code ² (if known) | | | |
| | 35 | 5,133,871 | 06-1992 | Levy | |
| | 36 | 5,118,655 | 06-1992 | Pedersen | |
| | 37 | 5,078,978 | 01-1992 | Tarbet et al. | |
| | 38 | 5,073,272 | 12-1991 | O'Neil | |
| | 39 | 4,995,975 | 02-1991 | Jacquot et al. | |
| | 40 | 4,994,249 | 02-1991 | Verduijn | |
| | 41 | 4,891,949 | 01-1990 | Caldarola | |
| | 42 | 4,767,733 | 08-1988 | Chester et al. | |
| | 43 | 4,753,728 | 06-1988 | VanderBilt et al. | |
| | 44 | 4,496,528 | 01-1985 | Bourgogne et al. | |
| | 45 | 4,474,853 | 10-1984 | Watanabe | |
| | 46 | 4,377,555 | 03-1983 | Hancock et al. | |
| | 47 | 4,263,266 | 04-1981 | Michel et al. | |
| | 48 | 4,238,334 | 12-1980 | Halbfoster | |
| | 49 | 4,092,245 | 05-1978 | Franks, et al. | |
| | 50 | 3,972,694 | 08-1976 | Head | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Foreign Patent Document | Publication Date MM-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|------------------------|-----------------------|--|-----------------------------|--|--|----------------|
| | | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | | | | |
| | 50 | EP 0151936 A1 | 12-1992 | | | |
| | 51 | WO 9606814 A | 03-1996 | | | |
| | 52 | <u>JP 02290291 A</u> | <u>11-1990</u> | | | |
| | 53 | <u>JP 11207359 A</u> | <u>08-1999</u> | | | |

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|------------------------|--------------------------|---|----------------|
| | | | |
| | 54 | Hawley's Condensed Chemical Dictionary (Lewis Sr., Richard J., John Wiley & Sons, Inc., 13.sup.th edition, 1204-1205. | |

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **1**

of

2

Complete if Known

| | |
|------------------------|-----------------|
| Application Number | 10/681,597 |
| Filing Date | October 8, 2003 |
| First Named Inventor | Levy, E. |
| Art Unit | 1724 |
| Examiner Name | |
| Attorney Docket Number | 40654/293175 |

U.S. PATENT DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Document Number | Publication Date MM-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|------------------------|--------------------------|--|-----------------------------|--|---|
| | | Number - Kind Code ² (if known) | | | |
| | 1 | 6,662,956 | 12-2003 | Levy | |
| | 2 | 6,630,106 | 10-2003 | Levy | |
| | 3 | 6,355,166 | 03-2002 | Amarasinghe et al. | |
| | 4 | 6,241,893 | 06-2001 | Levy | |
| | 5 | 6,200,483 | 03-2001 | Cutler et al. | |
| | 6 | 6,155,432 | 12-2000 | Wilson et al. | |
| | 7 | 6,039,891 | 03-2000 | Kaufman et al. | |
| | 8 | 5,989,420 | 11-1999 | Sugimoto | |
| | 9 | 5,961,843 | 10-1999 | Hayakawa et al. | |
| | 10 | 5,915,851 | 06-1999 | Wattrick et al. | |
| | 11 | 5,879,565 | 03-1999 | Kusmierz et al. | |
| | 12 | 5,868,924 | 02-1999 | Nachtman, et al. | |
| | 13 | 5,750,026 | 05-1998 | Gadkaree et al. | |
| | 14 | 5,737,932 | 04-1998 | Lee | |
| | 15 | 5,681,475 | 10-1997 | Lamensdorf et al. | |
| | 16 | 5,655,212 | 08-1997 | Sekhar et al. | |
| | 17 | 5,645,727 | 07-1997 | Bhave et al. | |
| | 18 | 5,639,550 | 06-1997 | Lisenko | |
| | 19 | 5,616,243 | 04-1997 | Levy | |
| | 20 | 5,612,522 | 03-1997 | Levy | |
| | 21 | 5,587,089 | 12-1997 | Vogel et al. | |
| | 22 | 5,562,941 | 10-1996 | Levy | |
| | 23 | 5,552,058 | 09-1996 | Fanning | |
| | 24 | 5,538,746 | 07-1996 | Levy | |
| | 25 | 5,503,840 | 04-1996 | Jacobson et al. | |
| | 26 | 5,460,734 | 10-1995 | Birbara et al. | |
| | 27 | 5,451,444 | 09-1995 | DeLiso et al. | |
| | 28 | 5,401,416 | 03-1995 | Levy | |
| | 29 | 5,346,924 | 09-1994 | Giuffrida | |
| | 30 | 5,254,262 | 10-1993 | Funkenbusch et al. | |
| | 31 | 5,238,676 | 08-1993 | Roth et al. | |
| | 32 | 5,236,680 | 08-1993 | Nakazawa et al. | |
| | 33 | 5,178,768 | 01-1993 | White, Jr. | |
| | 34 | 5,175,110 | 12-1992 | Bradshaw et al. | |

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.